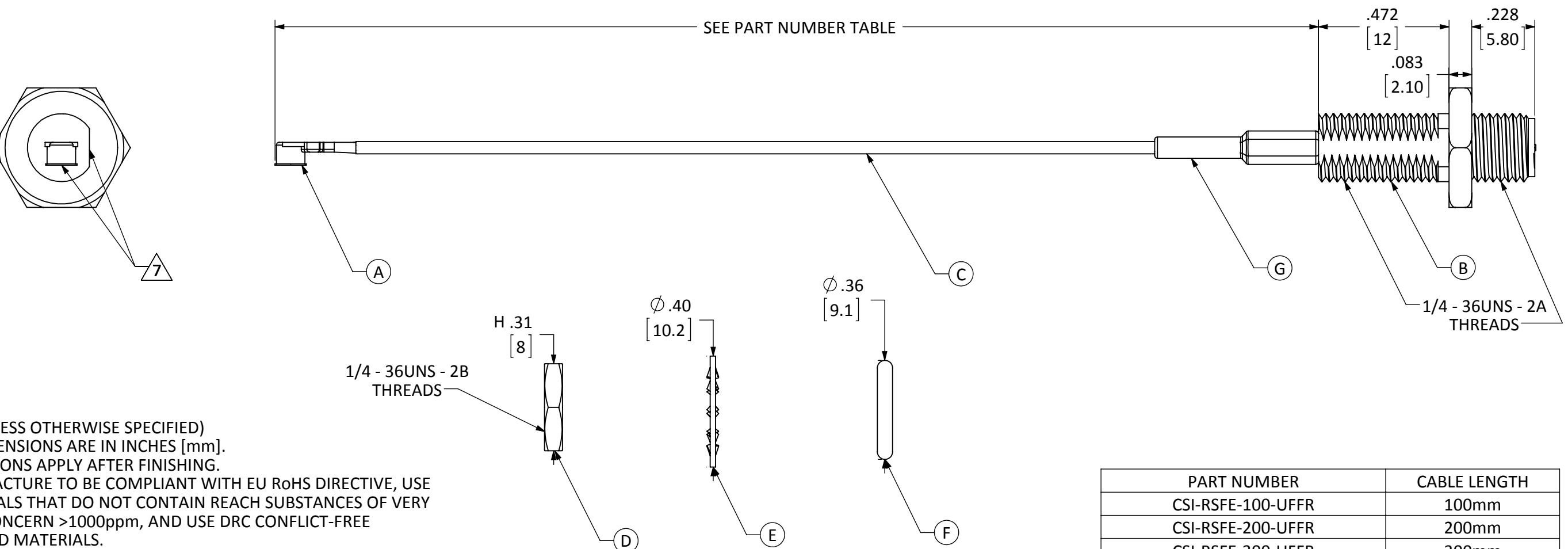


ITEM	DESCRIPTION	MATERIAL	FINISH
A	U.FL PLUG	BRASS	GOLD
B	SEALED RP-SMA FEM. BULKHEAD MOUNT CONNECTOR	BRASS	NICKEL
C	CABLE	1.13mm COAXIAL	GRAY
D	NUT	BRASS	NICKEL
E	WASHER	BRASS	NICKEL
F	O-RING	Si RUBBER	BLACK
G	HEAT SHRINK TUBING	POLYOLEFIN	BLACK

REVISIONS			
REV	DESCRIPTION	DATE	APPV
A	INITIAL RELEASE OF LINX INTERNAL DRAWING	15-APR-14	SAH
B	UPDATED NOTE 3; ADDED NOTE 5; ADDED FLAG NOTE 7 AND VIEW TO ILLUSTRATE CONNECTOR ORIENTATION; ADDED DIMENSIONS; UPDATED DESCRIPTION TABLE	1-SEP-15	SAH
C	UPDATED TO ADD DIMENSIONS TO NUT, WASHER AND O-RING	13-JUL-16	SAH

D



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL DIMENSIONS ARE IN INCHES [mm].
2. DIMENSIONS APPLY AFTER FINISHING.
3. MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
4. MINIMUM FREQUENCY RANGE: DC TO 3GHz.
5. CABLE ASSEMBLY SPECIFICATIONS;
 - CHARACTERISTIC IMPEDANCE: $50\Omega \pm 3\Omega$
 - INSERTION LOSS: 100mm - 0.34Vf IN GHz TYP.
200mm - 0.56Vf IN GHz TYP.
300mm - 0.73Vf IN GHz TYP.
6. CONNECTOR TO BE APPLIED IN ACCORDANCE WITH CONNECTOR SUPPLIER RECOMMENDED PROCEDURE.

7 CONNECTORS TO BE ORIENTED WITH U.FL CONNECTOR MATING FACE 90° CLOCKWISE FROM BULKHEAD CONNECTOR THREAD FLAT FACE, AS SHOWN.

PART NUMBER	CABLE LENGTH
CSI-RSFE-100-UFR	100mm
CSI-RSFE-200-UFR	200mm
CSI-RSFE-300-UFR	300mm

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MATERIAL:	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5.	PROJECTION:
	SURFACE FINISH: $\sqrt{3}$ ANGLES: $\pm 1^\circ$ TOLERANCES: $.X \pm .1$ $.XX \pm .01$ $.XXX \pm .005$	
FINISH:	DRAWN: B.MURPHY DT: 26-MAR-14	REV C
	ENGR: S.HOGAN DT: 15-APR-14	

Linx 159 ORT LANE
MERLIN, OR 97532

TITLE: CABLE ASSEMBLY, U.FL TO FEM.
BLKHD RP-SMA, 1.13mm CBL
SIZE DWG. NO. REV
B CSI-RSFE-ccc-UFR C
ENGR: S.HOGAN DT: 15-APR-14 SCALE: 2.5:1 DO NOT SCALE DRAWING SHEET 1 OF 1